

## ABSTRACT OF THE DISCLOSURE

Disclosed are an apparatus and method for testing performance of a mobile station having a global positioning system (GPS) mounted therein. The method provides for virtually changing parameters required for a registration at a base station so that the mobile station excludes the registration and directly enters a test state with an idle mode, and testing the performance of the mobile station in the idle mode test state. Accordingly, no re-boot is necessary to register with the base station upon completion of the test.